

ABSTRACT OF THE DISCLOSURE

5 A set of XML-based markers includes an
event marker indicating an event, a condition marker
indicating a state of a first media object, and an
action marker indicating a second media object, an
attribute of the second media object, and a value of
the attribute. The markers represent a function to
assign the value to the attribute of the second
media object if the event is detected and if the
10 first media object possesses the indicated state.

A set of XML-based markers representing
media object elements. Each marker includes a test-
element attribute for indicating a particular media
object element, a test-attribute attribute for
15 indicating an attribute of the particular element,
and a test-value attribute for indicating a test
value to compare with a value of the specified
attribute.

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